

Concrete Sidewalks & Aprons Specifications

Materials- Materials for concrete shall conform to the requirements herein specified except that batching & mixing equipment maybe of a size and type suitable for the work, or ready-mixed concrete of the specified consistency may be purchased from a dealer. Class "C" (4,000 p.s.i.) air-entrained concrete shall be used for all new sidewalks, the replacement of sidewalks or driveway aprons.

Construction Methods- Standard sidewalks shall be 4' wide and 4" thick with a slope to the curb of $\frac{1}{4}$ inch for each 1' of width, or as modified to a suit special condition by the Superintendent of Public Works or his authorized representative. Except in driveway areas where said sidewalk shall be 6" in depth.

The subgrade shall be firm and unyielding, any soft spots or spongy material shall be removed and replaced with sand, gravel or any other suitable material thoroughly compacted. Where fill is needed approved fill material only shall be used and compacted in layers not exceeding 6" in thickness. Where rock is encountered, it shall be removed or leveled to the elevation of the subgrade.

Metal or wood frames may be used and shall be properly set to the proper line and grade. Forms shall be cleaned of all mortar and dirt and oiled each time before use so that the concrete will not be disturbed when forms are removed. Expansion joints shall be provided with a $\frac{1}{4}$ " pre-molded asphalted base strip the full depth and width the slab being placed at intervals of no more than 8'. There will be a control joint every 4' running right angles to the line of the sidewalk at intervals equal to the width or at a minimum of 4'. Every other control joint shall have expansion joint material of full width and depth or otherwise specified by the Construction Official or his authorized representative.

When full width sidewalks are to be installed, said expansion strips shall also be placed against the curb and between the old and new construction wherever the walk abuts existing structures and curbs.

No concrete that has partially hardened or been contaminated by foreign material shall be used. When concreting has begun it shall be carried on as a continuous operation to the next joint (monolithic pour)..

Inspections: All forms are to be inspected for the proper height and thickness prior to the concrete being poured. Inspections are done Monday through Friday from 8:30 a.m. to 4:30 p.m. you must call 732-462-4903 to schedule an inspection.

ANY WORK PERFORMED ON ANY SIDEWALK, WHICH DOES NOT CONFORM TO THESE STANDARDS, AND SPECIFICATIONS SHALL BE SUBJECT TO REMOVAL AT THE EXPENSE OF THE INSTALLING PERMITTEE.